

WHAT IS CLAIMED IS:

2 1. A procedure for sound reproduction, which operates directly on the particles in
 3 the ambient air without using collisions via a membrane, but via at least one electromagnetic
 4 field which is variable according to the rhythm of an audio modulation which forces the
 5 ambient air particles to move, which creates sounds through the air particles being set in
 6 motion, having been pre-oriented in a constant electromagnetic field by the constant
 7 electromagnetic field of the earth, this fixed motor procedure with ambient air particles in a
 8 rotating field, is an acoustic complement for all fields of audio and AV.

1 2. A procedure according to claim 1, characterized by the constant
 2 electromagnetic field orienting the particles artificially, the density of the reference
 3 electromagnetic field being thereby perfectly adjusted.

1 3. A device for sound reproduction being a high definition electro-acoustic
 2 transducer made up of at least one solenoid coiled on a rod, with the solenoid linked and
 3 electronically mounted in series or in parallel from any part of the audio electrical circuit, the
 4 pre-oriented particles of the ambient air undergo de-polarizations caused by the solenoid,
 5 which creates sounds, the impedance is adapted by an expert in the field, for example two or
 6 ten ohms, and the device, a fixed motor with rotating field, is an acoustic complement for all
 7 fields of audio and AV, acting in the ambient space, without using collisions of particles via a
 8 membrane, and giving an excellent acoustic reproductive finesse.

1 4. A device according to claim 3, characterized by the fact that the coil solenoid
 2 may receive at least a secondary, which constitutes an electro-acoustic transformer through
 3 the addition of variable electromagnetic fields.

1 5. A device according to claim 3, wherein by a constant electromagnetic field,
 2 with a small magnet can slide into an elastic groove, so that it can be set at the optimum
 3 adjustment for acoustical performance.

1 6. A device according to claim 4, wherein by a constant electromagnetic field,
2 with a small magnet can slide into an elastic groove, so that it can be set at the optimum
3 adjustment for acoustical performance.

1 7. A device according to claim 3, characterized by the fact that it is a self-
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.

1 8. A device according to claim 4, characterized by the fact that it is a self-
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.

1 9. A device according to claim 5, characterized by the fact that it is a self-
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.

1 10. A device according to claim 6, characterized by the fact that it is a self-
2 induction coil enabling self-induction coil and acoustic filter components to be suppressed.